PM 2.5 24-hr. Standard

98th percentile values by year and site, 24-hr. samples, in ug/m^3,

Site	2003	2004	2005	2003-2005 Avg.** (3-yr. block)	*2006 Violation Point (98th %)*	*2006 Observed as of 6/10/06 98th %*
Brigham City	**26.5**	**52**	**25.9**	**35**	***118.3***	**22.6**
Logan #4	**31.5**	**101.5**	**61.7††**	**65**	***33.3***	**25.6**
Bountiful (new)	**40.4**	**45.8**	**35.1**	**40**	***115.3***	**14.7**
Cottonwood	**32.1**	**65.7**	**42**	**47**	***88.5***	**21.2**
N. Salt Lake	**45.9**	**56.6**	**44.4**	**49**	***95.2***	**26.6**
Herriman #2	**25.3**	**48.2**	**27.3**	**34**	***120.7***	**12.3**
Hawthorne	**32.8/33.5†**	**63.9**	**43.3**	**47/47†**	***89***	**23.9**
West Valley	**44.9**	**60.5**	**39.5**	**48**	***96.2***	**24.7**
Magna	**xx**	**55.1**	**36.7**	**46****	***104.4***	**16.1**
Tooele #3 ***	**xx**	**xx**	**45.5**	**Xx**	***xx***	**22.9**
N. Provo	**28**	**53.7**	**35.6**	**39**	***106.9***	**20.3**
Lindon	**29.2**	**63.9**	**36.7**	**43**	***95.6***	**20.1**
Highland	**22.5**	**50.1**	**33.7**	**35**	***112.4***	**21**
Spanish. Fork	**23**	**52.5**	**32.4**	**36**	***111.3***	**17.7**
Ogden #2	**27.3**	**62.5**	**29.8**	**40**	***104.1***	**23.5**
Wash. Terrace	**21.9**	**54.9**	**25.9**	**34**	***115.4***	**20.4**
Harrisville	**21.7**	**56**	**28.3**	**35**	***111.9***	**19.1**
Avg. of all sites:	***28***	***59***	***37***	***42***		

* Calculated from 98th percentile values obtained from EPA/AQS Quicklook reports.

** Magna data based on 2 years of sampling.

*** Tooele #3 starts July 6, 2005.

† Calculations based on "excluded/included" exceptional event data.

†† Logan 98th percentile for 2005 based on combined reference and collocated data; collocated data collected daily at this site.

[Current PM 2.5 standard: A violation occurs when the 3-yr. average of the 98th percentile value at a site (rounded to the nearest whole number) exceeds 65 ug/m^3].

The *2006 Violation Point* column lists the maximum allowable 98th percentile value to be calculated for 2006 (at a given site) that would avoid a violation of the standard for the 2004 – 2006 3-yr. block; only the Logan site appears to be likely to violate the 3-yr. standard for 2004 – 2006, based on data from past typical years.

(m:/historical/pmsum/excel pm 2.5 Table)